

## APPROVAL SHEET

| Name of NWFP Management and Marketing Group: | Ura Mushroom Conservation and Marketing<br>Group (UMCMG)             |
|--|--|
| Dzongkhag:                                   | Bumthang   |
| Gewog:                                       | Ura  |
| Village(s):                                  | Shingkhar, Pangkhar, Somthrang, Shingnyer,<br>Tangsibi and Ura-Doshi |
| No. of households:                           | 183  |
| Area(Ha)                                     | 9401.36 (Collection area).   |
| Plan Period:                                 | June 2022 to July 2027   |

### Prepared and submitted for approval

|            | Chairperson<br>NWFP<br>Management and<br>Marketing Group | Gup of the Gewog              | Head<br>Social Forestry<br>Section of<br>Division/Park | Chief Forestry<br>Officer of<br>Division/Park |
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## REVIEWED AND RECOMMENDED FOR APPROVAL

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| Date:      | 02/08/2022              | 29/8/22                             | 11/                    |

APPROVED BY

SECRETARY

Ministry of Agriculture and Forests

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#### **PART 1: Management**

#### 1.1. Introduction

Ura gewog consists of five chiwogs- Tangsibe, Shingnyer, Shingkhar, Pangkhar and Ura-Doshi, covering an area of 265.67 square kilometers. The altitude of the gewog ranges from approximately 2800-4200 meters above sea level. The east-west lateral highway of Bhutan passes through the gewog and all the villages under the gewog have road access. Agriculture, livestock and forestry are the lifeline of the communities. The main cereals grown are Barley, Wheat and Buckwheat, while Potato and wild mushrooms are the main sources for income generation. Ura gewog is climatically favorable for the growth of most valuable and expensive wild mushrooms like Sangay shamu (*Tricholoma matsutake*), Ngala shamu (*Lyophullum shimeji*) and Jili namcho (*Auricularia auricula*).

Ura Mushroom Conservation and Marketing Group (UMCMG) under Ura gewog, Bumthang was established in August 2013. There were six sub-groups under UMCMG. The communities of Shingkhar Pangkhar, Somthrang, Shingnyer, Tangsibi and Ura-Doshi villages were the six sub-groups. A total area of 26722 Hectares (ha) (within gewog administrative boundary but exclusive of protected areas) of State Reserved Forests (SRF) land was handed over to the communities of Ura gewog. Based on the traditional collection system and management, all the sub-groups under Ura Gewog have come to an agreement to keep the entire mushroom growing area as one collection unit. It is decided that members from any of the sub-groups can collect wild mushrooms from any area within the designated collection area.

The Somthrang Shamoi Tshogpa is only the functional sub-group. The non-functional sub-groups have lost their hopes and aspirations due to pressure of excessive and unsound harvesting techniques of mushrooms from outsiders. The Somthrang Shamoi Tshogpa consists of 18 households as members. The group has collected a membership fee in the first two years after formation of the group. With the collection of membership fees and deposition of a certain percent to the group fund from the sale of mushrooms, the group had substantial savings from third year onwards and started to give loans to the members to purchase seeds and fertilizers for farming.

With the expiry of the last mushroom management plan, a revised management plan is being drawn for another 5 years. The current management plan and by-laws are developed in accordance with the provisions of the Forest and Nature Conservation Rules and Regulations of Bhutan, 2017 and the Interim Framework for Management and Marketing of NWFPs, 2011.

Phrumsengla National Park (PNP) organized consultation meetings with entire households of Ura geog in the month of June 2021 for revision of UMCMG plan. The communities of 6 villages- Shingkhar, Somthrang, Pangkhar, Beteng, Ura-Doshi and Shingnyer are willing to revise the management plan and to work as a group. But the community of Tangsibi village has withdrawn from the group during the consultation meeting. There are 6 sub-groups under this management plan. Based on the traditional and customary practices, all the members of 6 sub-groups under Ura Gewog have common collection area and the members from any of the 6 sub-groups can collect wild mushrooms from any sites within the designated collection areas.

#### 1.2. Goals and Objectives

There are three main goals and objectives:

- ➤ To prevent illegal harvesting of mushrooms through regulation of mushroom collection right over the local area by the local community.
- > To collect the mushroom on a sustainable basis and in an environmentally friendly manner.
- To improve the local livelihood through income generation from the sale of mushrooms.

#### 1.3. Description of Mushroom

There are nearly 20 species of wild edible mushrooms in Ura Gewog and collectors collect for home consumption and as well as for commercial purposes. The harvesting season of wild mushrooms starts from July to mid-September, but the collection of Jilli nemchu starts from October to till May month. There are 4 wild edible mushroom species harvested by individuals for commercial purposes as shown in table 1.

Table 1: Brief description of wild mushroom for commercial purpose

| Name of<br>NWFP | Harvesting area     | Part<br>harvested | Use purpose | Harvesting season  | Estimated quantity that can be collected (Kg.) |
|-----------------|---------------------|-------------------|-------------|--------------------|--|
| Sangay shamu    | Any                 | Whole             | consumption | July to mid-Sept   | 2460   |
| Ngala shamu     | perfect             | Whole             | consumption | July to August     | 2420   |
| Jilli namchu    | place from          | Whole             | consumption | Oct- May           | 65   |
| Sela Shamong    | designated<br>area. | Whole             | consumption | Mid-June to August | 1200   |

#### 1.4. Harvesting prescription for sustainable

To ensure sustainable harvesting of wild mushrooms from the designated area, prescriptions for each species are described in table 2 based on traditional, scientific knowledge and Interim Framework for Management and Marketing of NWFPs, 2021.

Table 2: Harvesting and management prescription for mushroom

| Sl. | Mushroom            |   |
|-----|---------------------|---|
| No. | Species             | Harvesting prescription   |
| 1   | Any types (overall) | <ul> <li>Dig out the mushroom with a flattened stick and replace the soil in order to protect the mycelium, do not use knives for harvesting mushrooms.</li> <li>Normally mushrooms grow around the base of the trees and shrubs having lower branches with litter and mosses on the floor. Do not cut branches from trees and shrubs while searching for mushrooms.</li> <li>Do not scratch and disturb the soil while searching for mushrooms.</li> </ul> |
|     |                     | Harvest whole mushrooms and avoid harvesting undersized mushrooms.  |

|   |                 | <ul> <li>To enable the spore dispersal, use bamboo baskets or similar containers having holes while collecting and transporting from the forests. Avoid using plastic bags or similar containers.</li> <li>Group members are not allowed to hire/send non-members of the group for the mushroom collection in the designated areas.</li> </ul>  |
|---|-----------------|---|
| 2 | Sangay<br>Shamo | <ul> <li>Follow the management prescription as mentioned in sl. No. 1</li> <li>Do not collect mushrooms less than 7.5cm in length or height.</li> <li>Collection can be done by group members' families who are above 15 years old. This is meant for a healthy collection.</li> <li>For the sustainability of the mushroom growth, the collection period will close from the 10<sup>th</sup> day of the 8<sup>th</sup> month of Bhutanese calendar.</li> <li>For export: - it should be graded into Grade 'A' and 'B'.</li> <li>Grade 'A'; - minimum height of 7.5cm and mix. Of 5%-10% open veil is permissible.</li> <li>Grade 'B':- it should not be over matured that will result in deformed shape and dark gills.</li> </ul> |
| 3 |                 | <ul> <li>Sub-groups of UMCMG will obtain mushroom harvesting permits from PNP to collect for commercial purposes. But no permit for domestic consumption.</li> <li>Outsiders (Non-members) shall not be allowed to harvest mushrooms for both domestic consumption and commercial purposes from designated areas that fall under this management plan.</li> </ul>   |

#### 1.5. Mushroom collection area

Based on the traditional and customary practices, a common collection area is identified and designated for the group where all the 6 sub-group members can collect wild mushrooms. The members can collect the mushrooms from any preferred sites within the designated area. It has an area of 9401.36 hectares outside the protected area and private registered land. The boundary of mushroom collection area is described in table 3 and figure 1 & 2. However, the group lacked the management and harvesting rights over the timber and other forest products.

Table 3: Details on boundary of mushroom collection area

| Boundaries | Description of the permanent features                     |
|------------|---|
| West       | Bayum quarry, Korea sae, Chimi Chorten and Gathrak quarry |
| East       | Lerichu, Shingkhar CF and PNP boundaries                  |
| South      | Chamkhar chu  |
| North      | Tang-Ura gewog and PNP boundaries                         |

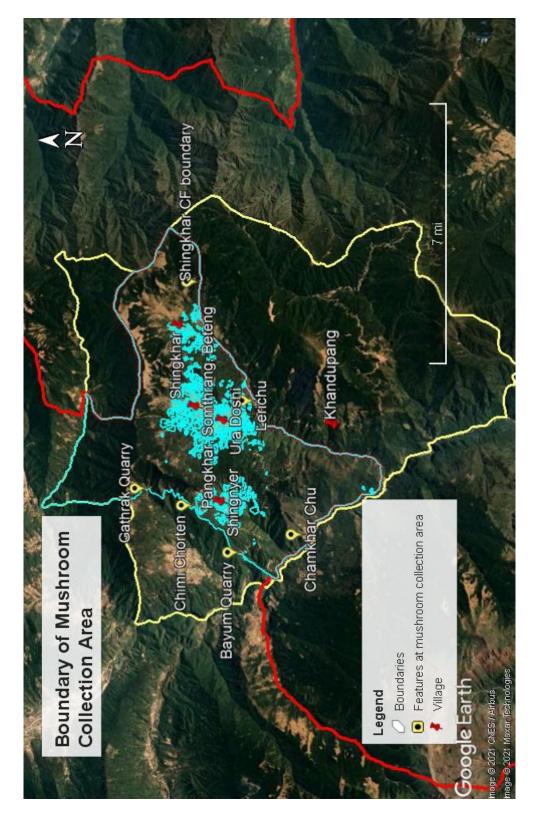


Figure 1: Map showing boundary of mushrooms collection area

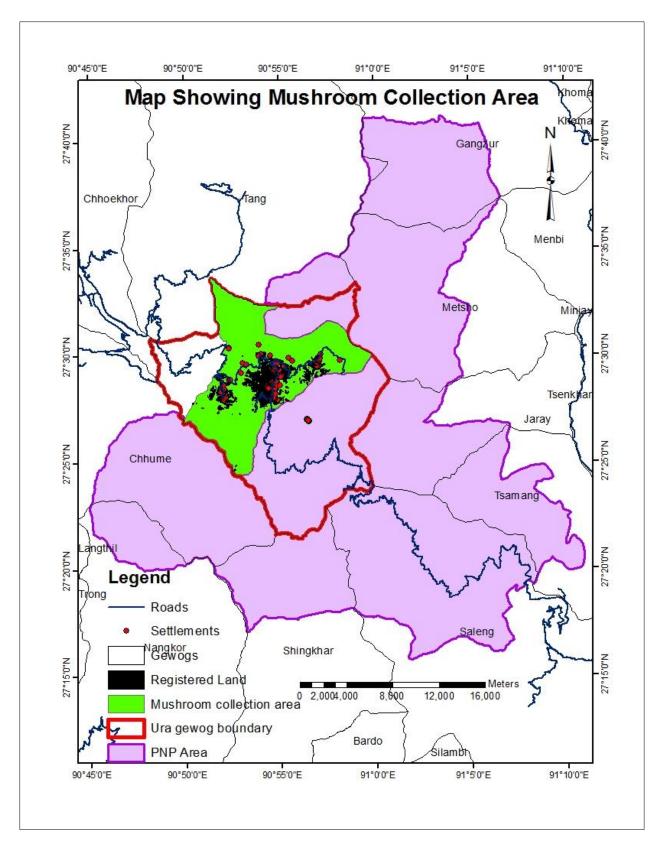


Figure 2: Map showing mushrooms collection area, Ura gewog and PNP

#### 1.6. Marketing and sale plan

The table 4 shows the marketing and sale plan for mushrooms by the group over the next five years.

Table 4: Marketing and sale plan

| Name of<br>NWFP | Potential market        | Estimated qty. for sale per season (kg) | Expected price per kg. | Total (Nu.) |
|-----------------|-------------------------|---|------------------------|-------------|
| Sangay shamu    | Local and export market | 2460                                    | 700                    | 1722000     |
| Ngala shamu     | Local market            | 2420                                    | 300                    | 726000      |
| Jilli namchu    | Local and export market | 65                                      | 15000                  | 975000      |
| Sela Shamong    | Local market            | 1200                                    | 200                    | 240000      |

#### 1.7. Market Arrangement and Rules

The executive committee will communicate with the relevant agencies like gewog administration, PNP, DAMC, NMC, buyers/exporters, etc. regarding the harvesting, management, marketing and trade of mushrooms. As well the agencies will ensure to share information on mushrooms including price, quantity and quality demand of the market. The following marketing rules have been framed for compliance by the members.

- ✓ Chairman has to look for the traders who can pay higher prices for the mushroom and also who can buy all the collected products of the members.
- ✓ The group members should sell the mushrooms to the traders having a contact established with the executive committee members.
- ✓ For sustainable and esteem marketing, the group members have the rights to check and inquire on the sale of the mushroom in the market. This is to ensure that foreign substances are not mixed or inserted in it.

#### 1.8. Benefit to the members (financial projection)

The collections of wild mushrooms are important income generation and subsistence resources for the communities of Ura gewog. The members can collect mushrooms from the wild with no investment and low production cost if post-harvest processing is carried out for the marketing purposes. Some portion of the food consumption and nonfood consumption expenditure of member' households are met from the income generated from sale of wild mushrooms. It is projected that each member will be financially benefited at an average of Nu. 19066.50 annually (table 5) from sale of wild mushrooms.

Table 5: Financial projection for the members

| Sl.  |                    |        | Products |       |       | Total (Nu.) |
|------|--------------------|--------|----------|-------|-------|-------------|
| No.  | <b>Particulars</b> | Sangay | Ngla     | Jilli | Sela  |             |
| 110. |                    | Shamo  | shamo    | shamo | Shamo |             |
| 1    | Revenues           |        |          |       |       |             |

| a | Total quantity (kg)   | 2460    | 2420    | 65      | 1200    |          |
|---|---|---------|---------|---------|---------|----------|
| b | Market price (Nu.)  | 700     | 300     | 15000   | 200     |          |
|   | Total revenue (Nu.)   | 1722000 | 726000  | 975000  | 240000  | 3663000  |
| 2 | Expenses  |         |         |         |         |          |
| a | Royalty (Nu.)   | 49200   | 9680    | 260     | 4800    | 63940    |
| b | Contribution to group fund (Nu.), Took higher percent of sub-group (3%) | 51660   | 21780   | 29250   | 7200    | 109890   |
|   | Total expenses (Nu.)  | 100860  | 31460   | 29510   | 12000   | 173830   |
| 3 | Net-income to members (Nu.)   | 1621140 | 694540  | 945490  | 228000  | 3489170  |
| 4 | Projected income per<br>household (Nu.), 183<br>households as members   | 8858.69 | 3795.30 | 5166.61 | 1245.90 | 19066.50 |

#### 1.9. Benefit to the group (financial projection)

With the formation of the group, unsound techniques and overharvesting of wild mushrooms will be controlled and enhance the sustainability of wild mushrooms. As a team, the problem of pressure from outsiders on harvesting of wild mushrooms can be solved and it will be easier for the group to get assistance from the relevant agencies. It is projected that each sub-group will be financially benefited ranging from Nu.1832.51 to 23089.57 annually from the sale of wild mushrooms as shown in table 6.

Table 6: Financial projection for the group

| Sl.<br>No. | Particulars                                      | Amount (Nu.) |
|------------|--|--------------|
|            | Revenue  |              |
| 1          | Membership fees (on average 176 members X 120/-) | 21120        |
| 2          | Contribution to group fund from sale of mushroom |              |
|            | Sangay Shamo                                     | 51660        |
|            | Ngla shamo                                       | 21780        |
|            | Jilli shamo                                      | 29250        |
|            | Sela Shamo                                       | 7200         |
| 3          | Internal loan interest, donations, etc.          | 0            |
| A          | Total revenues                                   | 131010       |
|            | Expenses   |              |
| 1          | Royalty  | 63940        |
| 2          | Transportation                                   | 0            |
| 3          | Compensation to executive members                | 0            |
| В          | Total expenses                                   | 63940        |
| С          | Total annual group fund bal.                     | 67070        |
| D          | projected annual net-income of sub-group         |              |
|            | Shingkhar Shamoi Tshogpa                         | 11361.58     |

| Somthrang Shamoi Tshogpa | 6597.05  |
|--------------------------|----------|
| Pangkhar Shamoi Tshogpa  | 10262.08 |
| Beteng Shamoi Tshogpa    | 1832.51  |
| Ura Doshi Shamoi Tshogpa | 23089.67 |
| Shingnyer Shamoi Tshogpa | 13927.10 |

#### **PART 2: BY-LAWS**

#### 2.1. Name of NWFP group: Ura Mushroom Conservation and Marketing Group

The Ura Mushroom Conservation and Marketing Group includes the households of six villages viz. Ura Doshi, Phangkhar, Somthrang, Beteng, Shingkhar and Shingnyer. There are currently 183 households as its members. It has six sub-groups as shown detail in table 7.

Table 7: Name of sub-groups

| Sl. No. | Name of Sub-group        | Village   | No. of households as members |
|---------|--------------------------|-----------|------------------------------|
| 1.      | Shingkhar Shamoi Tshogpa | Shingkhar | 31                           |
| 2.      | Somthrang Shamoi Tshogpa | Somthrang | 18                           |
| 3.      | Pangkhar Shamoi Tshogpa  | Pangkhar  | 28                           |
| 4.      | Beteng Shamoi Tshogpa    | Beteng    | 5                            |
| 5.      | Ura Doshi Shamoi Tshogpa | Ura Doshi | 63                           |
| 6.      | Shingnyer Shamoi Tshogpa | Shingnyer | 38                           |
|         | TOTAL MEMBER             |           | 183                          |

#### 2.2. Membership agreement

- ✓ All the households with valid Gung registered in the village of respective sub-group are eligible to become members of UMCMG.
- ✓ Members leaving the group with valid reasons (e.g. resettlement program, illness, etc.) will be paid his/her benefits accumulated till that day, but members leaving on his own interest will not be given any benefits from the group.
- ✓ Any member not following the management plan and by-laws of UMCMG will be given first warning and if repeated for the second time, the culprit will be asked to resign from the group without any benefit.
- ✓ The new member can join the group as a member after depositing the initial membership fee and 50% of funds accumulated by the group during the past one year (previous year).
- ✓ Those households who have not joined the group during the initiation of the group formation and wanted to join the group later (after the formal approval of the group) can only become a member after depositing the membership fee and the individual share accumulated till that day.

#### 2.3. Executive committee

The Ura Mushroom Conservation and Marketing group shall form an Executive Committee which will be the highest body for group decision making. Under the executive committee, there will be 6 management committees for respective sub-groups. All the chairman of the sub-group management committee shall be the members of executive committee members (table 8).

The executive and management committee member's tenure will be for 5 years. Any committee members not performing their duties as expected by group members will be terminated before the

expiry of the tenure. The vacant post shall be filled in through election by a minimum presence of one third of the group members in the assembly. The executive committee members of sub-groups are as shown in table 9.

Table 8: Name of board of executive members of the group

| Sl. No. | Name           | Responsibility | Contact no. |
|---------|----------------|----------------|-------------|
| 1       | Pema Tshering  | Member         | 77622148    |
| 2       | Tenzinla       | Chairman       | 17863787    |
| 3       | Ugyen Lhamo    | Member         | 17412753    |
| 4       | Pema Yoedchang | Member         | 17805481    |
| 5       | Pema Norbu     | Member         | 77663105    |
| 6       | Tsheltrim      | Member         | 16913396    |

Table 9: Name of Management committee members

| Name of Sub-group |        | Executive Committee Members of different sub-groups |               |                  |                |
|-------------------|--------|---|---------------|------------------|----------------|
|                   |        | Chairman  | Secretary     | Treasurer        |                |
| Shingkhar         | Shamoi | Pema Tshering                                       | Sonam Tenzin  | Yeshi Samdrup    | Tshering Dema  |
| Tshogpa           |        |   |               |                  | Sonam Tenzin   |
| Somthrang         | Shamoi | Tenzinla  | Lhawang       | Tenzin Wangmo    | Thinley Tempa  |
| Tshogpa           |        |   | Dendup        |                  | Kencho Dema    |
| Pangkhar          | Shamoi | Ugyen Lhamo   | Pangmo        | Tshering Jamtsho | Rotation basis |
| Tshogpa           |        |   |               |                  |                |
| Beteng            | Shamoi | Pema Yoedchang                                      | Ugyen Tshomo  |                  | Rotation basis |
| Tshogpa           |        |   |               |                  |                |
| Ura Doshi         | Shamoi | Pema Norbu  | Sharab Zangmo | Rinchen Choden   | Thinley Dorji  |
| Tshogpa           |        |   |               |                  | Dorji Penjor   |
| Shingnyer Sham    |        | Tsheltrim   | Pema Yangzom  | Phuntsho Choden  | Rotation basis |
| Tshogpa           |        |   |               |                  |                |

#### 2.4. Responsibilities of Chairperson

- ✓ To chair the group meeting.
- ✓ To resolve disputes among the members.
- ✓ To maintain contacts with traders and inform the members on the date and venue.
- ✓ To coordinate the sale to traders on the agreed date and venue.
- ✓ To prepare an annual report and submit it to the PNP and Gewog Administration.
- ✓ To ensure that the group members carry out the activities as per the agreement
- ✓ To countersign in the documents related to financial transactions.
- ✓ To collect permits on season and payment of royalty to PNP.
- ✓ To collect membership fees, fines and penalties from defaulter.

#### 2.5. Responsibilities of Secretary

- ✓ Assist/officiate the Chairman.
- ✓ Maintain necessary records related to group activities.
- ✓ Writing letters and reports on behalf of the committee.
- ✓ Write minutes of any meeting conducted.

#### 2.6. Responsibilities of Treasurer

- ✓ Maintain the financial record of the group.
- ✓ Present the financial status during the general meeting.
- ✓ Write minutes of any meeting conducted in absence of secretary.

#### 2.7. Responsibilities of Resuup

- ✓ To observe the performances of chairman, secretary and treasurer and advise them.
- ✓ To conduct auditing as a group auditor.
- ✓ To coordinates group activities in absence of chairman, secretary and treasurer.
- ✓ Attend meeting on behalf of any of chairperson, secretary or treasurer during their absence.
- ✓ Conduct regular monitoring and inspection of illegal collection by outsiders and unhealthy collection by group members.

#### 2.8. Responsibilities of group members

- ✓ Appoint management committee members.
- ✓ Be responsible for sustainable management of mushrooms according to the approved management plan.
- ✓ Ensure that no person collects any types of mushroom, damages or destroys the mushroom growing habitat in the mushroom management area without authorization.
- ✓ Liable to action in case of any violation of the management plan or the by-laws.
- ✓ Participate or attend any meeting called for mushroom management without fail.
- ✓ Proceed auditing at any time if deemed necessary.
- ✓ Adhere to harvesting methods prescribed in management plan.

#### 2.9. Compensation to the Executive members

The committee members will be paid bus fare, if she/he goes out of station performing the job on behalf of the group. Other compensation to the executive members will be decided in the general meeting of respective sub-groups based on availability of funds in the group account.

#### 2.10. Membership fees

Each sub-group has different amount and timing for the collection of membership fee as a recognition member as shown in table 10.

Table 10: Amount of membership fees

| Name of Sub-group        | Amount of            | Remarks                                     |
|--------------------------|----------------------|---|
|                          | membership fee (Nu.) |   |
| Shingkhar Shamoi Tshogpa | 50                   | Collection at 1 <sup>st</sup> year          |
| Somthrang Shamoi Tshogpa | 0                    |   |
| Pangkhar Shamoi Tshogpa  | 500                  | Annual collection for recognition of member |
| Beteng Shamoi Tshogpa    | 100                  | Collection at 1 <sup>st</sup> year          |
| Ura Doshi Shamoi Tshogpa | 50                   | Annual collection for recognition of member |
| Shingnyer Shamoi Tshogpa | 50                   | Collection at 1 <sup>st</sup> year          |

#### 2.11. Community development and utilization of fund

Membership fees, visitor donations, collection of fines and penalties, deposit from sale of mushrooms are the potential sources of group funds. The members shall deposit a certain amount or percent from sale of mushrooms in the group fund as shown in table 10.

Table 11: Percent to be deposited in group fund from sale

| Name of Sub-group        | Amount to be deposited in group fund from sale of mushrooms | Remarks                                     |
|--------------------------|---|---|
| Shingkhar Shamoi Tshogpa | 3%  | Permit costs will bear by member collectors |
| Somthrang Shamoi Tshogpa | 0   |   |
| Pangkhar Shamoi Tshogpa  | 0   | Permit costs will bear by member collectors |
| Beteng Shamoi Tshogpa    | 5%  |   |
| Ura Doshi Shamoi Tshogpa | 3%  | Permit costs will bear by member collectors |
| Shingnyer Shamoi Tshogpa | 3%  | Permit costs will bear by member collectors |

The group fund will be utilized for the benefit of whole group members and provide internal loans to members.

#### 2.12. Fund Transaction procedures

Joint Group Saving Account will be opened in the name of respective sub-group with the signatures of Chairman and Treasurer in any bank, in view of the forest office. Any cash generated from the sale of mushrooms and other sources shall be deposited into the group saving account by the Treasurer with a

notice to all the executive committee members. Fund utilization will be decided in a general meeting in the presence of forestry officials.

#### **2.13. Meeting**

There will be a general meeting conducted 2 times a year and a committee meeting conducted any time as and when required by the executive committee. The first general meeting will be conducted during collection season before collection of mushrooms. During the meeting process of collection and marketing of mushrooms will be discussed. Second meeting will be conducted after harvesting season. During the meeting issues related to collection, implementation of management plan, amount of product harvested and revenue generated will be discussed.

#### 2.14. Conflict resolution

Any disputes or conflicts regarding the mushrooms among the communities/ or with the outsiders, firstly the matter will be forwarded to the Chairman, and if the chairman cannot resolve the issues, it will be forwarded to the Geog Tshogdu. As well, CFO/RO will provide facilitation and support in the conflict resolution and management. And finally, it will be forwarded to the Dzongkhag Court, if the conflict could not be resolved.

#### 2.15. Penalties

The following offences and penalties have been agreed upon and framed in consultation with the members, so as to ensure mushroom conservation sustainably. The details of it have been given in the table 12.

Table 12: Offences and Penalties

| Offences   | Penalties                                  |
|--|--|
| Using of knife while uprooting                   | Fine of Nu.500/-                           |
| Disturbance of soil and environment              | Fine of Nu.500/-                           |
| Using plastic bags or similar containers.        | Fine of Nu.500/- and seizure of collected  |
|  | mushrooms or compensation at fair market   |
|  | value                                      |
| Harvesting undersized mushroom                   | Fine of Nu.500/- and seizure of collected  |
|  | mushrooms or compensation at fair market   |
|  | value                                      |
| Collector below 15 year old (for sangay shamong) | Fine of Nu.500/- and seizure of collected  |
|  | mushrooms or compensation at fair market   |
|  | value                                      |
| Mixing substances in mushroom while selling      | Fine of Nu.2500/- and seizure of collected |
|  | mushrooms or compensation at fair market   |
|  | value                                      |
| Members engaging outsider for collection         | Fine of Nu.500/- and seizure of collected  |
|  | mushrooms or compensation at fair market   |
|  | value                                      |

| Collection of mushroom after harvesting period (sangay) | Fine of Nu.500/- and seizure of collected mushrooms or compensation at fair market value  |
|---|---|
| Not following the marketing rules                       | Fine of Nu.500/- and seizure of collected mushrooms or compensation at fair market value  |
| Collection by outsider in their collection area         | Fine of Nu.500/- and seizure of collected mushrooms or compensation at fair market value, if an outsider does not listen to group members, the case has to be reported to URO and gewog Administration. |
| Dumping of waste in mushroom growing areas              | Follow FNCRR 2017   |
| Absentee in meeting                                     | Nu.200/-, sub-group may revise as and when required   |

#### 2.16. Responsibility of Ura Range Office, PNP

- ✓ Facilitate the formation of NWFP group and support in the renewal of group plans on completion of the time period.
- ✓ Coordinate and support groups in supply of materials and organization of training to strengthen NWFP management, processing, post-harvest, marketing, record keeping and governance of the group in general.
- ✓ URO shall issue harvesting and transit permits.
- ✓ Monitor the implementation of the group's plan and verify the records maintained by management committee members.
- ✓ Prepare an annual monitoring report and submit it to SFED.
- ✓ Conduct and coordinate a mid-term review and a final evaluation of the implementation of the plan.
- ✓ Facilitate and support in the conflict/case resolution and management.
- ✓ Facilitate the management of pest and disease in mushroom management.
- ✓ Facilitate/Conduct patrolling and inspection in mushroom growing areas.
- ✓ The certificate shall be cancelled after submission of recommendation to the department of forests and park services, if the performance of the group is not as per prescriptions of the approved management plan or sustainability of the resource is not insured. This group's collection area will be allotted to nearby groups or follow the FNCRR 2017 for collection of NWFPs.

#### 2.17. Responsibilities Gewog Administration

- ✓ Support in the conflict resolution and management that are forwarded to the Gewog Tshogdu by the chairman.
- ✓ Support group in supply of materials and organization of training to strengthen NWFP management, processing, post-harvest, marketing, record keeping, etc. Particularly including groups programs and plans in gewog annual and five year plan.
- ✓ Monitoring of the group

#### 2.18. Power of the Department

- ✓ The DoFPS shall inspect, monitor, review the records and supervise the activities of the group.
- ✓ The DoFPS has the right to terminate the group in case of any violation of the management plan prescription and in the event of inability to carry out the activities as per the plan.

## **ANNEXURE**

## Annexure I: Membership of Shingkhar Shamoi Tshogpa

| Production and the | Croup             | Name: Shings | dion for | noi Tshage  | c. (      |
|--------------------|-------------------|--------------|----------|-------------|-----------|
| S1.                | Mane              | CID NO       | gung No  | village     | Sign      |
| l.                 | Ugyen Tsturing    | 10104000     | KA-4-155 | Shing Khev. |           |
| 2                  | Dorji Tshewang    | 10104600 648 | 215      | -1          |           |
| 3                  | Tahino            | 10104000362  | 144      | -11-        | - Andrews |
| 4                  | ugyen wong no (13 | 10104000448  | 246      | -",         |           |
| 5                  | Thuring Done      | 10104000445  | 160      | - 1 ·       |           |
| Ь                  | Rinchen Ihamo     | 10104000566  | 296      | _4-         |           |
| 7                  | Kercho wongao     | 10104000402  | 154      | _1-         |           |
| 8                  | sang ey zanguo    | 10104000434  | 156      | _ " - "     |           |
| 9                  | Rinzin Bhomo      | 10104000483  | 159      | _,,_        | DUST .    |
| 10                 | Estering Yangzon  | 10104000645  | 21)      | - h -       | ltd.      |
| 11                 | Yeshi wangmo      | 10104000357  | 148      | _ '' —      |           |
| 12                 | Tshinleyzongmo    | 10104000 592 | 167      | _1, _       | Bril      |
| 13                 | ugyen hamo        | 10104000548  | 11168    | -11 -       | Was !     |
| 4                  | ugyen solden      | 10104000639  | 206      | - " -       |           |
| 5                  | Tsheltrim pemo    | 10104000869  | 165      | - 1 - 6     | ALL.      |
| -                  | Ugyen Nonquo (B   | 10104000518  | 161      | _ 11 ;      |           |
| 17                 | Thinley Chorom    | 10104000414  | 253      | -11-        |           |

|     |                  | 7.5            | Yh bibais 6  | shingthan | A POPULATION OF THE PROPERTY O |
|-----|------------------|----------------|--|-----------|--|
| 18  | Langamo          | 10104000       | 162  |           | M. A.  |
| 19  | Yeshi Tshomo     | 10104000       | 216  |           | 4  |
| 20  | Pema Dema        | 10104000       | 16416  | -11-      |  |
| 21  | Dorgi Denu       | 10104000459    | 75   | 1 -11 -   |  |
| 22  | chador mo        | 10104000       | 166  | - 11      |  |
| 23  | Dechen wanguo    | 10104000       | . 169  | _ 11-     |  |
| 24  | Dorji Thamo      | 10104000629    | 205  | _ 11 —    |  |
| 25  | Karma Ihamo      | 10104000461    | 270  | - n-      | d.   |
| 26  | Tshewang chadren | 10104000       | 151  | - 11 -    |  |
| 7   | Kezanychoden     | 10104000531    | ÿ  | - 11 -    |  |
| 2-8 | sither mo        | 10104000623    | 199  | _ K _     |  |
| 29  | Pashi pemo       | 10104000478    | 29   | — II —    |  |
| 30  | Tashi Chenzom    | 10104000615    |  | <u> </u>  | 1 6  |
| 31  | Phundup Dendup   | 10104000522    | 1 1612   |           |  |
| 31  | Somozey Bud her  | 10104000492    | 251  | -11-1     | Seelly   |
| £.  |                  |                | 1  | . 6       | Alternative 1  |
|     |                  | Cr.            |  |           |  |
|     | \$ P ATT ST 161  | 1104 CX 2 6 CE | No. of the last of | · Acti    | V 123  |

## Annexure II: Membership of Somthrang Shamoi Tshogpa

| 5          |                  | bership Registration to<br>Somthray St |          | hokpa          | King Su  |
|------------|------------------|--|----------|----------------|----------|
| SI.<br>No. | Name             | CID No.                                | Gung no. | Village        | Sign     |
| 1_         | Thewary Dalker   | 10/04/05046 8                          | 14-4-72  | Somthrace      |          |
| 2.         | Ishomola         |  | Ka-4-79  | J              | 2.       |
| 31         | Tshewarg Chamo   | 10104001037                            | Ka-4-78  | ı              | 3        |
| 4          | Sangay Pemo      | 12002000597                            | Ka-4-69  | 1)             | 12-      |
| 5.         | Tshering Yanchen | 10104000979                            | Ka-4-73  | 10             | 5        |
| 6.         | Jangdub Gyelkhun | 10104001063                            | Ka-4-80  |                | 004      |
|            | Ishering Pomo.   | 10104000953                            |          | - t            | 7        |
|            |                  | 10104001007                            |          | 7)             | <b>Q</b> |
|            | Jigme Choden     |  | 4.5      | 1) / -         | Jam.     |
|            |                  | 10104000964                            |          | 11             | all I    |
| 1 .        |                  | 10104020939                            | 1        | )) 0           | Mul      |
| - 11       | 4 4              | 10164000922                            |          | h              | 12 1.3   |
|            |                  | 10104000728                            |          | 11             | 13/43    |
|            |                  |  | Sa-4-77  | 11             |          |
|            |                  |  | Ca-4-76  | h -            | my =     |
|            |                  | 0104000062 4                           | 106      | r <sub>1</sub> | 7.       |
|            | 7,-3             | 0104001072                             | 2-4-14   | li (           | ing -    |

River 27114 ) Every Bring Banger of to UMIZED FRINT अग्राह्मः राज्नानीक्रीक्री ० श्रुविधान्त्रे בלעומהועו בלווצלי במוומשל יביל צלי מונעץ למוולעו הלוו הלוו סלנו الكواهدا فيامي كراويد ويراسيرك المديقة وكير دوي كاهد وكل في المديدة حيرة المويد ما المولي منك وكوا לימוחיות שלושון שלושון שלושלו שלוצינו אוקון שושלי ישו ישבו מפער ותון ברומשות ושו משורותל ובשותונות ו זושול ו ביומשל Sustining to coming the militarist wasterness that I show our שוופושם יוי לוושוומנושוו 17. Sonam Waki 1. Tachi Dori Pang Tshol Kinchen Mo Tehanang Jantsho Saram Wargino Thinley Janotsho Thadon ! 2x. Sonam Peblen Chaki Coolay 28. Sangay Wangoli SH Songay Wanger Joingchub Choden Munley Sonam Yangran 26. Jangchu Wangmo Thering Kaba Uguen Chamo Sihi Yangehon Dechen Choolen Decken Mo 16. Ugyen Mo

## Annexure IV: Membership of Beteng Shamoi Tshogpa

## Membership Registration for NWFP group

Group Name: Betung Shoria Tshapa...

| 81.<br>No. | Name   | CID No.         | Gung no.       | Village                    | Sign.  |
|------------|--|-----------------|----------------|----------------------------|--|
| 1          | Pena youdchang   | 1010400004      | 258            | Retand                     | e Jul  |
| 2          | Pena yordchang<br>Ugyen Pstomo<br>Leki wangdi<br>Tshering penja<br>Tshering wangma | lolougoout      | Nill - do      | Betang<br>Betung<br>Betang | 1,000  |
| 3          | 1  | 1               | Will           | Befury                     | 11.  |
| 4          | Chi wangdi   | 12002000lu2     | 56             | Betary                     | CCA  |
| _          | Shering penja  | 10 10 100000017 | No             | 11                         |  |
| )          | Tshering wangme  | 10104000004     | 201            | Li .                       | 1  |
|            | .c   |                 |                |                            | A STATE OF THE PARTY OF THE PAR |
|            |  | ,               | 1              |                            | 1  |
| 4          |  |                 | Terror Control |                            |  |
|            |  |                 |                | 2 4                        | 10   |
|            |  |                 |                |                            | 91-33  |
| 3          | 10   |                 |                |                            | 444  |
| 81         |  |                 |                | 7                          |  |
| 1          |  |                 | · ·            | 8                          |  |
| ١          |  |                 |                | pa-                        | - 14<br>- 17   |
|            |  |                 | 7              |                            | 1.6  |
| -          | - A  |                 | 9              |                            | Y  |
|            | 10 P   |                 |                | f .                        |  |

## Annexure V: Membership of Ura Doshi Shamoi Tshogpa

# Membership Registration for NWFP group Group Name: Uka- Dosli

| SI. |                  | CID No.      | Gung no.   | Village | Sign.       |
|-----|------------------|--------------|------------|---------|-------------|
| 1   | Pema wangmo      | (610400 1929 | 5 F        | Toleba  | Alpha Color |
| 2)  | Tshering Ihaden  | 1010400 1910 | ka-4-93    | 11      |             |
| 3   | ugyen lhaden     | 101011001887 | 3 Ka-4-91  | 11      |             |
| 4)  | Sangay wangmo    | 10104001918  | ka-4-95    | U       |             |
| 5)  | Parzin Dorsi     | 10104001926  | Ka-4-95    | 71      |             |
| 6)  | Leti Wongchuk    | 10104001880  | Ka-4-90    | U       |             |
| 7   | Rema Yaneyden    | 10104001949  | Ku-11-97   | "       |             |
| ઇ   | Ashering choclen | 1010400 1865 | Ka-4-89    | Ŋ       |             |
| 9   | Tshering Blongmo | 10104001896  | Ka-4-92    | - (1    |             |
| 10  | mantsha mo       | 10104001857  | Ku-4-89    | 11      |             |
| 2   | Dogs persor      | [010HOD 1222 | Ka-4-100   | cheri   |             |
| 13  | Thinky wang chuk | 10104001622  | ka-4-109   | 1/      |             |
| 4)  | Pama yongram     | 10104001575  | ka-u-      | -11     |             |
| 5   | Doği wangahuk    | 1010000 (688 | ka-4-99    | LJ .    |             |
| 6   | Thering Dama     | 10604001587  | Ka-4-123   | U       |             |
| 7   | Rinchan Hundrup  | 10104001596  | ka-u-106   | 1       |             |
| 8   | Rinchen Wongmo 1 | 0104001698   | Ka-4-Nilly | 11      |             |

|     |                 |              |                 | inches in | 11 |
|-----|-----------------|--------------|-----------------|-----------|----|
| 19  | ugyen choden    | 101011001609 | ka-4-108        | charî     |    |
| 2.0 | choney youghten | 1010400 672  | Ku-41-98        | u         | 4  |
| 21  | lomdan          | -1004001664  | K4-4-M1/4       | 11-       |    |
| 22  | Tehavong Ackar  | 1010400 1552 | ko-4-103        | 11        | -  |
| 13  | Rinsin Pshomo   | 1010400 1630 | Ka-41-110       | 11        |    |
| 24  | Pama Chama.     | 10124001530  | Ka-4-220        | ч         |    |
| 75  | Tshowong chaden | 1000001529   | Ko-4-101        | JI.       | W  |
| 26  | change mo       | 16164001959  | 104-112         | lt .      |    |
| 24  | Jamba Ihomo     | 10104001827  | Ka-4-226        | Togshong  |    |
| 28  | Thinley Doma    | 10101001975  | Ka-4-121        | 1)        |    |
| 29  | Senam Dalkar    | 1010400 A22  | K4-4-115        | tı .      |    |
| 30  | Thukten ahaden  | 1010HOO1735  | Jea-4-116       | 11        |    |
| 91  | Yeshi Pstumo    | 1010HOOFFH 9 | Ka-4-117        | N         |    |
| 32  | Panchan Pama    | 1010400 1600 | <u>ta-4-219</u> | 13        |    |
| 33  | 10              |              | Ko-4-124        |           |    |
| 34  | choder yongeom  | 10104001764  | لاسطاءام        | ц         |    |
| 30  | mingur Ihomo    | 1010HOD 1750 | Ku-4 -          | u ·       |    |
| 36  | Tshowary Poblan | 10104001782  | 10-11-240       | 4         |    |

| 34  | karma wangdi    | 10104001795  | KA-LI-                              | Tershorg |      |
|-----|-----------------|--|-------------------------------------|----------|------|
| 3%- | Partorba        | 101004001022   | - tora                              | -01      | -    |
| 39  | majur Ihams     | THE STATE OF THE S | heret-                              | 11       |      |
| 40  | Photoa Ihomo    | 10104601822  | ka-4-125                            | -11      | . (  |
| 41  | Rirain Thamp    | 10703002971  | Ka-4-120                            |          |      |
| 42  | Tshering Dama   | 10104002049  |                                     | Traba    | Gh6) |
| 45  | patroni wangmo  | 10104002014  | ta-4-143                            | a        | _ (  |
| чи  | Asonam Pshot:   | 10 10400216  | and the contract to the contract of | - n (    |      |
| 45  | Thinky Zangmo   | 10104002012  | Ko-41-191                           | u .      | -    |
| щ   | Karma Jambo     | 101040022079   | Ka-4-138                            | 11       |      |
| 47  | chader bylangua | 101000001919   | ka-4-132                            |          | 6    |
| 48  | Sharab Zongmo   | 101011002006   | ka-4-180                            | L(       | - At |
| 49  | Roma Uhaden     | 101040D2624  | ka-u-nui                            | 11       |      |
| 30  | koma choden     | 10100002068  | KO-4-112                            | T ti     |      |
| 51  | Korma 2019mo    | 10104002145  | ba-4-114                            | t/       |      |
| 52  | Songay Zangma   | 10104002148  | ka-4-114                            | и        |      |
| 53  | Pamo 2angmo     |  | K4-41-134                           | 11       | *    |
| 54  | Out Pelsom      | 10004062055  | Ka-41-136                           | ч        | - 6  |
| 55  | Toshi Yangzom   | 10104001785  | ka-4-137                            | и.       | A225 |

| 35 | Rinchen chooken | 10104001602            | ku-4-107  | chart  | V      |      |
|----|-----------------|------------------------|-----------|--|--------|------|
| 57 | Tashi wongmo    | 10104001982            | Ka-4-     | Trabe  |        |      |
| 59 | Lhame Bhoki     | 10104002111            | ka-41-140 | Trabe  | 400    |      |
| 59 | Dogi mo         | 1010400 17-08          | Ka-41-    | Turshong   |        | 1    |
| 60 | chaki wangmo    | 10101002032            | ku-u-     | Traba  | 4      |      |
| SI | choki mo        | 10104001966            | ku-u-     | Traba  | -      | ·    |
| 62 | Pama nurbu      | 10104001812            |           | Tarshong   | · ·    |      |
| 3  | Throlog yengeon | 10104002123            | 100-4-141 | Trabe.   |        |      |
|    |                 | The Mary               | Defect .  | A STATE OF THE STA |        |      |
|    |                 |                        |           | 1442   | Na apr | -    |
|    |                 | Commence of the second |           |  |        |      |
|    |                 |                        |           |  | 100    |      |
|    |                 | 1                      | 70-4      | W. W.  |        |      |
|    |                 | a What                 |           |  |        |      |
|    |                 |                        |           | F 4-   |        |      |
|    |                 |                        |           |  |        |      |
|    |                 |                        |           | A Property of  |        | 11/6 |
| 3  |                 |                        |           |  |        |      |

## Membership Registration for NWFP group Group Name: Shinginger Shawi Tshoggan

| SI .<br>No. | Name            | CID No.       | Gung no.    | Village   | Sign.            |
|-------------|-----------------|---------------|-------------|-----------|------------------|
| 15          | Penjoria        | 10104000729   |             | Shingnyer |                  |
| a)          | Kama Wangehuk   |               | m           | "         | 6                |
| 3)          | Phurba khado    | Bucket        | li e        | "         | Carriery<br>Con- |
| 4)          | Choki Lhamo     |               | 135         | "         | 100              |
| (3          | Doril Yangalen  | 10104000785   | 178         | "         |                  |
| 6)          | Thinky zangmo   | A COMME       | 179         | "         |                  |
| 7)          | Re Dollar       |               | 169         | "         |                  |
| 8)          | Tshering Dorff  |               | 155         | n.        |                  |
| ۹)          | Kinley Penjor   | P8FacoPolo!   | 184         | "         | 6                |
| 10)         | Sonam Tshume    | 1010200004469 | 181         | "         | est              |
| 11)         | Tenzin Norbu    | 1610 4000 836 | 100         | "         | of               |
| н           | Euden           |               | 196.        | "         |                  |
| 13)         | Phuntsho Cheden | 1010000118    | 192         | "         | RUL              |
| 14)         | Conam           | 11.2          |             | 110       | 45               |
| 16)         | Phuntsho        | 10104000676   |             | "         | <b>B</b>         |
| 16)         | Karma           | [ele4000853   | <b>4</b> 41 | "         |                  |
| (1)         | Pema Wargmo     | 1080001001    | 1           | , @       | 一                |
| (31         | Tsheltrim       | 2             | 181         | 11 &      |                  |

| 191) | Pema Tshomo      | 10104000875  | Will Go | shipey | 2     |
|------|------------------|--|---------|--------|-------|
| 40)  | Rinzin wargehuk  |  |         | -1-    | 100   |
| 417  | Phurba Thinley   |  |         | -11-   | 177   |
| 94)  | Thinley          |  | 1       | -1-    | 9,5   |
| 22)  | Sonam Zangmo     | 1010400792   | 7       | -11-   |       |
| 24)  | Tehering Yangzom |  | 170     | 170    |       |
| 22)  | Doril Wangno     | - C  | -17     | -11-   |       |
| (98  | Rinzin Wangmo    | 1  | Maria.  | -11-   |       |
| 2H)  | Tshowing choden  | PE AF  | s'n     | -11-   |       |
| 20)  | Tehering Doma    |  | -6      | -11-   |       |
| (95  | Yangden          | 131-121  | Y       | -11-   | 24    |
| 6.05 | Pangmo           |  | 5 4     | -1,-   | A.    |
| 81)  | Dorgi choden     |  |         | -11-   | Aug.  |
| (62  | Chimi surgmo     | de la  |         | -10-   | 9 2   |
| 23)  | Pema Yangsom     |  | 1 1     | -11-   | 2.    |
| 34)  | Pema 2angmo      | E Common  |         | -1     | 14    |
| (26) | Thujimo          | A CONTRACTOR OF THE PARTY OF TH |         | -1-    | -1    |
| 36)  | Thinley choecom  |  |         | - 11 - | 1     |
| 37)  |                  | 9  | -       |        | - CO. |
| 37)  | Tshering choden. | 0.122  | -       | -11-   | 4     |